

Rabbit GLUT-1 Polyclonal Antibody | anti-GLUT-1 antibody

GLUT-1 Polyclonal Antibody

CATALOG # AAA174405	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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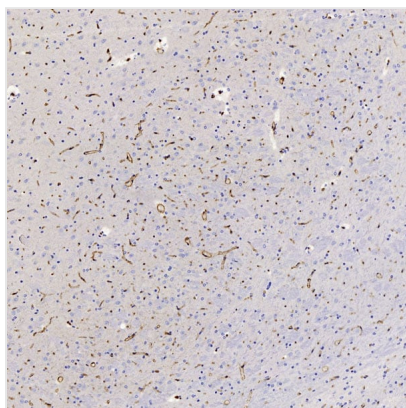
PRODUCT SYNONYMS

GLUT-1; Polyclonal Antibody; GLUT-1 Polyclonal Antibody; Choreoathetosis/spasticity episodic (paroxysmal choreoathetosis/spasticity); CSE; DYT17; DYT18; DYT9; EIG12; erythrocyte/brain; Erythrocyte/hepatoma glucose transporter; facilitated glucose transporter member 1; Glucose transporter 1; Glucose transporter type 1; GLUT; GLUT1; GLUT1DS; GLUTB; GT1; GTG1; Gtg3; GTR1; HepG2 glucose transporter; HTLV; Human T cell leukemia virus (I and II) receptor; MGC141895; MGC141896; PED; RATGTG1; Receptor for HTLV 1 and HTLV 2; SLC2A1; Solute carrier family 2 (facilitated glucose transporter); member 1; Solute carrier family 2; anti-GLUT-1 antibody

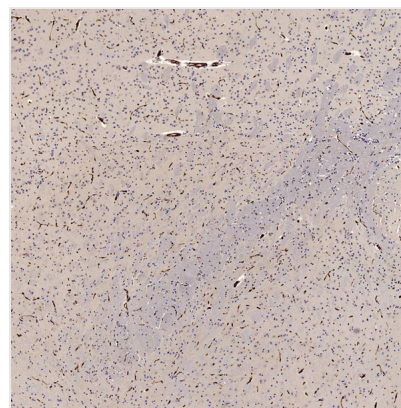
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	73 mug/mL (varies by lot)
Sequence Length	492
Applicable Applications for anti-GLUT-1 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse GLUT1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

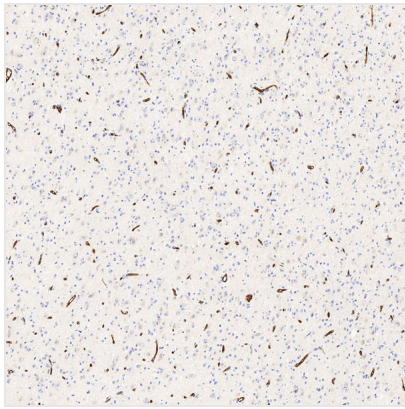
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain using GLUT-1 Polyclonal Antibody at dilution of 1:300.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain using GLUT-1 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human brain using GLUT-1 Polyclonal
 Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-GLUT-1 antibody	GLUT1, also known as SLC2A1, is an ubiquitously expressed glucose transporter and responsible for the basal level of glucose uptake in most cell types. Human erythrocytes express the highest level of the GLUT1. Defects in SLC2A1 are the cause of GLUT1 deficiency syndrome type 1 and type 2. High expression of GLUT1 has been reported to be a reliable immunohistochemical marker for juvenile hemangiomas. GLUT1 protein may appear as two or more distinct forms among 43 kDa to 55 kDa due to the different glycosylation state. And the conversion of highly glycosylated form of GLUT1 to less glycosylated form has been reported to correlate to differentiation.
Product Categories/Family for anti-GLUT-1 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795299
NCBI GeneID	6513
NCBI Accession #	NP_006507.2
NCBI GenBank Nucleotide #	NM_006516.3
UniProt Accession #	P11166; O75535; Q147X2; A8K9S6; B2R620; D3DPX0
Molecular Weight	54,084 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 1
NCBI Official Synonym Full Names	solute carrier family 2 member 1
NCBI Official Symbol	SLC2A1
NCBI Official Synonym Symbols	CSE; PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLVR; GLUT-1; SDCHCN; GLUT1DS
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 1
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 1
UniProt Gene Name	SLC2A1
UniProt Synonym Gene Names	GLUT1; GLUT-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.